

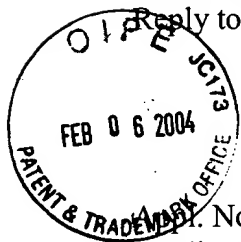
Appl. No. 09/990,247

Amendment Dated February 3, 2004

Reply to Office Action dated November 5, 2003

PATENT

Attorney Docket No. 89252.0005



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/990,247  
Applicants : Binneg Y. Lao, et al.  
Filed : November 21, 2001  
Art Unit : 2822  
Examiner : Perkins, Pamela E  
Title : Single and Multiple Layer Packaging  
of High-Speed/High-Density ICs  
Docket No. : 89252.0005  
Customer No. : 26021

Confirmation No. 2160

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450, on

February 3, 2004

Date of Deposit

Kimberly Yee

Name

Signature

02/03/04  
Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Dear Sir:

In response to the Office Action dated November 5, 2003, please amend the above-referenced application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 6 of this paper.

**Remarks** begin on page 25 of this paper.

02/12/2004 DENMANU1 00000028 09990247

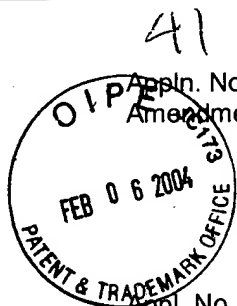
01 FC:2201

172.00 OP

02/11/2004 DENMANU1 00000012 09990247

01 FC:1201

172.00 OP



2822  
\$

41  
Appl. No. 09/990,247  
Amendment Transmittal dated February 3, 2004

PATENT  
Attorney Docket No. 89252.0005

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Transmitted herewith is an Amendment in the above-identified application.

- ☒ Small entity status has been claimed. See 37 CFR § 1.27.  
☒ A Request for Approval of Drawing Changes; Transmittal of Formal Drawings is enclosed.  
☒ 11 Sheets of Formal Drawings and 2 Sheets of Red-Lined Drawings.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	56	-	59**	0	LG=\$18 SM=\$9	\$	\$ 0
INDEPENDENT CLAIMS FEE	9	-	5***	4	LG=\$86 SM=\$43	\$43	\$ 172
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$
TOTAL							\$ 172

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☒ Check No. 17425 in the amount of \$172.00 to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**  
☐ The amount of \$\_\_\_ to cover the extension fee is to be charged to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**  
☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**  
☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.  
☒ Any patent application processing fees under 37 C.F.R. § 1.17.

~~02/11/2004 DENMANU1 00000012 09990247~~

~~01 FC:1201~~

~~-172.00-0P~~

Date: February 3, 2004

Biltmore Tower  
500 South Grand Avenue, Suite 1900  
Telephone: 213 337-6700  
Facsimile: 213 337-6701

Respectfully submitted,

HOGAN & HARTSON L.L.P.

By:

Soyeon (Karen) P. Laub  
Registration No. 39,266  
Attorneys for Applicants

~~Adjustment date: 02/12/2004 DENMANU1~~  
~~02/11/2004 DENMANU1 00000012 09990247~~

~~01 FC:1201~~

~~-172.00-0P~~